

Patent  
Attorney's Docket No. 99-454

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of )  
 )  
ELLIOTT, BRIG B. et al. ) Group Art Unit: 2132  
 )  
Application No.: 09/612,133 ) Examiner: Thomas R. Peeso  
 )  
Filed: July 7, 2000 )  
 )  
For: SYSTEMS AND METHODS )  
FOR ENCRYPTION KEY ARCHIVAL )  
AND AUDITING IN A QUANTUM- )  
CRYPTOGRAPHIC COMMUNICATIONS )  
NETWORK )

**AMENDMENT UNDER 37 C.F.R. § 1.111**

**Mail Stop Amendment**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Office Action dated July 2, 2004, please amend the present application as follows.

**Amendments to the Claims begin on page 2 of this paper.**

**Remarks begin on page 12 of this paper.**

**Intellectual Property Law Group****Verizon Corporate Services Group Inc**

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To: U.S. Patent and Trademark Office – From: Christian R. Andersen  
Examiner: Thomas R. PEESO Sr. Paralegal – Intellectual Property  
Group Art Unit: 2665

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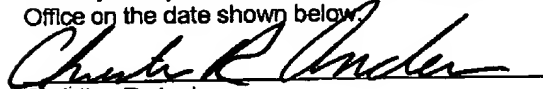
**FORMAL SUBMISSION OF:**

- 1) Amendment Transmittal; and
- 2) Amendment Under 37 C.F.R. § 1.111.

Title: SYSTEMS AND METHODS FOR ENCRYPTION KEY ARCHIVAL AND  
AUDITING IN A QUANTUM-CRYPTOGRAPHIC COMMUNICATIONS  
NETWORK  
Serial No. 09/612,133  
Filing Date: July 7, 2000  
First Named Inventor: Brig Barnum ELLIOTT  
Atty. No. 99-454

**CERTIFICATE OF FACSIMILE TRANSMISSION**

I hereby certify that the above-referenced documents are facsimile transmitted to the Patent and Trademark Office on the date shown below.

  
Christian R. Andersen

Date of Transmission: September 29, 2004

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In re Patent Application of )

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Application No.: 09/612,133 )

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Group Art Unit: 2132

Examiner: Thomas R. Peeso

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**AMENDMENT/REPLY TRANSMITTAL LETTER**

Mail Stop AF  
Commissioner For Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

Enclosed is a reply for the above-identified patent application.

- ☐ A Petition for Extension of Time is also enclosed.
- ☐ A Terminal Disclaimer and a check for ☐ \$55.00 ☐ \$110.00 to cover the requisite Government fee are also enclosed.
- ☐ Applicant(s) request continued examination under 37 C.F.R. § 1.114 and enclose the ☐ \$385.00 ☐ \$770.00 fee due under 37 C.F.R. § 1.17(e).
- ☐ Applicant(s) previously submitted \_\_\_\_\_, on \_\_\_\_\_, for which continued examination is requested.
- ☐ A request for Entry and Consideration of Submission under 37 C.F.R. § 1.129(a) is also enclosed.

Amendment/Reply Transmittal Letter  
Application Serial No. 09/612,133  
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- ☐ No additional claim fee is required.
- ☒ An additional claim fee is required, and is calculated as shown below:

AMENDED CLAIMS					
	No. of Claims	Highest No. Of Claims Previously Paid For	Extra Claims	Rate	Additional Fee
Total Claims	29	33	0	x \$18.00 =	0.00
Ind. Claims	15	11	4	x \$ 86.00 =	\$344.00
If Amendment adds multiple dependent claims, add \$280.00					
Total Amendment Fee					\$344.00
If Small entity status is claimed, subtract 50% of Total Amendment Fee					
<b>TOTAL ADDITIONAL FEE DUE FOR THIS AMENDMENT</b>					<b>\$344.00</b>

- ☐ A claim fee in the amount of \$\_\_\_\_\_ - is enclosed.
- ☒ Charge \$344.00 to Deposit Account no. 07-2347.


To the extent necessary, a petition for an extension of time under 37 C.F.R. § 1.136 is hereby made. Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account No. 07-2347 and please credit any excess fees to such deposit account.

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Attorney's Docket No. 99-454  
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The Commissioner is hereby authorized to charge any other appropriate fees that may be required by this paper that are not accounted for above, and to credit any overpayment, to Deposit Account No. 07-2347.

Respectfully submitted,

By: \_\_\_\_\_

  
Joel Wall  
Reg. No. 25,648

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Date: September 29, 2004